

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Currently Amended) A system for delivering therapeutic to an irregular interior vessel surface comprising:

a catheter having a proximal end, a distal end, and an internal lumen;

a source of fluid in communication with the internal lumen of the catheter; and

a first inflatable balloon having an exterior surface,

the first inflatable balloon in communication with the internal lumen of the catheter,

the first inflatable balloon having a measurable elasticity,

the exterior surface of the first inflatable balloon in communication with a therapeutic when the first inflatable balloon is in an expanded state; and

a dilation bladder located within the first inflatable balloon,

the dilation bladder in fluid communication with ~~the~~ a second internal lumen of the catheter by way of a ~~plurality of~~ dilation bladder openings in the catheter,

the dilation bladder deformable from a non-inflated position to an inflated position,

the dilation bladder having a measurable elasticity, the elasticity of the first inflatable balloon being greater than the elasticity of the dilation bladder,

wherein the first inflatable balloon may be inflated without inflating the dilation bladder.

2. (Original) The system for delivering therapeutic of claim 1 wherein the exterior surface of the first inflatable balloon is covered with a therapeutic.

3. (Original) The system for delivering therapeutic of claim 1 further comprising:
a source of therapeutic, the source of therapeutic in fluid communication with the exterior surface of the first inflatable balloon.

4. (Original) The system for delivering therapeutic of claim 3 wherein the therapeutic traverses through a section of the first inflatable balloon before the therapeutic comes in communication with the exterior surface of the first inflatable balloon.

5. Withdrawn

6. (Original) The system for delivering therapeutic of claim 1 further comprising:
a second inflatable balloon, the second inflatable balloon located within the first inflatable balloon, the second inflatable balloon having an outside surface, the outside surface in communication with a source of therapeutic, the first inflatable balloon having a plurality of apertures in fluid communication with the outside surface of the second inflatable balloon.

7. (Original) The system for delivering therapeutic of claim 1 further comprising:
a second internal lumen within the catheter, the first inflatable balloon positioned around the second internal lumen, the second internal lumen having an entrance orifice and an exit orifice, the entrance orifice positioned upstream of the inflatable balloon, upstream relative to a fluid flowing through the irregular interior vessel, and the exit orifice positioned downstream of the inflatable balloon, downstream relative to fluid flowing through the irregular interior vessel.
8. (Original) The system for delivering therapeutic of claim 1 wherein the first inflatable balloon is made with a latex material and wherein the source of fluid is adapted to control the rate of inflation of the balloon.
9. (Original) The system for delivering therapeutic of claim 1 wherein the first inflatable balloon is made with a silicone material and wherein the source of fluid is adapted to control the rate of inflation of the balloon.
10. (Original) The system for delivering therapeutic of claim 1 wherein the first inflatable balloon is made with a polyurethane material and wherein the source of fluid is adapted to control the rate of inflation of the balloon.
11. (Previously Amended) The system for delivering therapeutic of claim 1 wherein the first inflatable balloon is porous to the therapeutic being delivered.

12. (Currently Amended) A device for delivering therapeutic to an irregular interior vessel surface comprising:

a catheter having a proximal end, a distal end, and an internal lumen;

a first inflatable balloon in fluid communication with the internal lumen of the catheter, the first inflatable balloon having a measurable elasticity, the first inflatable balloon having an exterior surface and an interior surface;

a dilation bladder located within the first inflatable balloon,

the dilation bladder in fluid communication with ~~the~~ a second internal lumen of the catheter by way of a plurality of dilation bladder openings in the catheter,

the dilation bladder deformable from a non-inflated position to an inflated position,

the dilation bladder having a measurable elasticity, the elasticity of the first inflatable balloon being greater than the elasticity of the dilation bladder,

wherein the first inflatable balloon may be inflated without inflating the dilation bladder.

13. (Previously Amended) The device of claim 12 wherein a surface of the first inflatable balloon contains grooves sized to increase the deformability of the inflatable balloon.

14. (Previously Amended) The device of claim 12 further comprising:
a source of therapeutic, the source of therapeutic in fluid communication with the exterior surface of the first inflatable balloon.

15. (Previously Amended) The device of claim 14 wherein the therapeutic traverses through the first inflatable balloon before the therapeutic contacts the exterior surface of the first inflatable balloon.

16. Withdrawn

17. (Previously Amended) The system of claim 12 further comprising:

a second internal lumen within the catheter,

the second internal lumen passing through the first inflatable balloon, the first inflatable balloon positioned around the second internal lumen,

the second internal lumen having an entrance orifice and an exit orifice,

the entrance orifice positioned upstream of the first inflatable balloon, upstream relative to a fluid flowing through the irregular interior vessel, and the exit orifice positioned downstream of the first inflatable balloon, downstream relative to fluid flowing through the irregular interior vessel.

18. (Previously Amended) The device of claim 12 further comprising:

a second balloon positioned between the dilation bladder and the first inflatable balloon,
the second balloon having an outside surface, the outside surface in communication with
therapeutic.

19. (Previously Amended) The device of claim 12 wherein the first inflatable balloon is made
with a grooved material.

20. (Currently Amended) A method for delivering therapeutic to an irregular interior vessel
surface of a patient comprising:

inserting an expandable first membrane attached to a catheter into the vessel of the
patient, the expandable first membrane having an exterior surface and a measurable elasticity;
positioning the expandable first membrane at the irregular interior vessel surface within
the patient;

forcing a fluid into the expandable first membrane to ~~expand~~ inflate the expandable first
membrane, the expandable first membrane becoming juxtaposed to and replicating the irregular
interior surface of the vessel of the patient; and,

after positioning the expandable first membrane at the irregular interior surface of the
vessel within the patient, inflating a dilation bladder located within the expandable first
membrane, the dilation bladder having a measurable elasticity, the elasticity of the first inflatable
balloon being greater than the elasticity of the dilation bladder.

21. (Previously Amended) The method of claim 20 wherein the exterior surface of the expandable first membrane is in communication with a therapeutic.
22. (Previously Amended) The method of claim 20 further comprising:
pushing a therapeutic over the exterior surface of the expandable first membrane after the expandable first membrane is positioned at the irregular interior surface of the vessel.
23. (Previously Amended) The method of claim 22 wherein the therapeutic is pushed through the expandable first membrane to reach the exterior surface of the expandable first membrane and wherein the fluid is a tracing fluid.
24. Withdrawn.
25. (Previously Amended) The method of claim 20 further comprising:
opening an entrance orifice of a passage traversing the expandable first membrane, the passage compatible with the fluid flowing within the vessel of the patient's body.